

U.S. Department of Commerce, Patent and Trademark Office				Atty Docket No.		Application No.	
				CT-S090-1D US		10/603,415	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Applicant(s)		Confirmation No.	
Substitute Form PTO 1449				Barton, Roger W.		Unknown	
				Filing Date		Group 2879	
				24 June 2003		Unknown	
U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JW	AA	4,652,467	03/1987	Brinker et al.	427	246	
	AB	4,946,592	08/1990	Galaj et al.	210	490	
	AC	5,103,288	04/1992	Sakamoto et al.	357	71	
	AD	5,227,691	07/1993	Murai et al.	313	422	
	AE	5,494,858	02/1996	Gnade et al.	437	231	
	AF	5,523,615	06/1996	Cho et al.	257	632	
	AG	5,541,473	07/1996	Duboc, Jr. et al.	313	422	
	AH	5,548,181	08/1996	Jones	313	309	
	AI	5,561,318	10/1996	Gnade et al.	257	638	
	AJ	5,564,959	10/1996	Spindt et al.	445	24	
	AK	5,598,056	01/1997	Jin et al.	313	495	
	AL	5,614,781	03/1997	Spindt et al.	313	422	
	AM	5,658,832	08/1997	Bernhardt et al.	264	272.11	
	AN	5,675,212	10/1997	Schmid et al.	313	422	
	AO	5,726,529	03/1998	Dean et al.	313	495	
	AP	5,731,660	03/1998	Jaskie et al.	313	495	
	AQ	5,760,538	06/1998	Mitsutake et al.	313	422	
	AR	5,859,502	01/1999	Spindt et al.	315	169.3	
	AS	5,872,424	02/1999	Spindt et al.	313	495	
	AT	5,936,343	08/1999	Fushimi et al.	313	495	
AU	5,939,822	08/1999	Alderson	313	493		
AV	5,985,067	11/1999	Schmid et al.	313	495		
AW	5,990,614	11/1999	Spindt	313	495		
AX	6,013,980	01/2000	Goel et al.	313	495		
AY	6,013,981	01/2000	Spindt et al.	313	495		
JW	AZ	6,153,973	11/2000	Shibata et al.	313	495	
Examiner <i>Joseph Williams</i>			Date Considered <i>11/12/2005</i>				
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<i>AN</i>	BA	6,168,737	01/2001	Poco et al.	264	129	
<i>AN</i>	BB	6,222,313 B1	04/2001	Smith et al.	313	495	
<i>AN</i>	BC	6,353,280 B1	03/2002	Shibata et al.	313	292	
	BD						

Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
<i>AN</i>	BE	8-7811	01/1990	Japan				X
	BF							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>AN</i>	BG	Balkenende et al., "High-Voltage Stability Coatings in the Zeus Panel," <u>Philips J. Res.</u> , Vol. 50, No. 314, 1996, pages 407 - 419
	BH	Brinker et al., "Review of sol-gel thin film formation," <u>J. Non-Crystalline Solids</u> , Vols. 147 and 148, 1992, pages 424 - 436
	BI	Brinker et al., "Sol-Gel Thin Film Formation," <u>J. Cer. Soc. Japan, Cent. Mem. Iss.</u> , Vol. 99, No. 10, 1991, pages 862 - 877
	BJ	Brinker, "Sol-Gel Derived Thin Films: Critical Issues," Sandia National Laboratories, Nat'l Tech. Info. Serv., 1986, 18 pages
	BK	Brinker, <u>Sol-Gel Science: The Physics and Chemistry of Sol-Gel Processing</u> (Academic Press), 1990, pages 787-837
	BL	Croitoru et al., "Effect of Composition and Structure Modification of SnO _x Films on the Electron Secondary Emission," <u>Thin Solid Films</u> , Vol. 116, 1984, pages 327 - 339
	BM	Croitoru et al., "Electrical Conductivity, Physical Density and Secondary Electron Emission of Transparent Conductors," <u>Thin Solid Films</u> , Vol. 125, 1985, pages 113 - 117
<i>AN</i>	BN	Furneaux et al., "The formation of controlled-porosity membranes from anodically oxidized aluminum," <u>Letters to Nature</u> , Vol. 337, No. 12, Jan. 1989, pages 147 - 149
	BO	Hart, <u>Organic Chemistry, A Short Course</u> (6th ed., Houghton Mifflin Co.), 1983, pages 15 - 17
	BP	Hench et al., "The Sol-Gel Process," <u>Chem. Rev.</u> , Vol. 90, No. 1, pages 33 - 72 <i>no year</i>
<i>AN</i>	BQ	Hoffman, "Inorganic membrane filter for analytical separations," <u>American Laboratory</u> , Aug. 1989, pages 70 - 73

Examiner <i>Joseph William</i>	Date Considered <i>11/12/2005</i>
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Filing Date		Group	
24 June 2003		Unknown	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
CA	Rittenmyer et al., "Piezoelectric 3-3 Composites," <u>Ferroelectrics</u> , Vol. 41, 1982, pages 189 - 195		
CB	Saggio-Woyansky et al., "Processing of Porous Ceramics," <u>American Ceramic Technology Society Bulletin</u> , Nov. 1992, pages 1674 - 1682		
CC	Seiler, "Secondary Electron Emission," <u>Electron Beam Interactions With Solids</u> , 1982, pages 33 - 42		
CD	Sherman et al., "Refractory Ceramic Foams: A Novel, New High-Temperature Structure," <u>Ceramic Bulletin</u> , Vol. 70, No. 6, 1991, pages 1025 - 1029		
CE	Thomas, "Optical coatings by the sol-gel process," <u>Optics News</u> , Aug. 1986, pages 18 - 22		
CF	"Work Function and Secondary Emission", <u>AIP Handbook</u> (3d ed., McGraw-Hill), 1972, page 9-183		
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CO			
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Examiner <u>D. J. Smith</u> Date Considered <u>11/12/2005</u>			
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Substitute Form PTO 1449				Barton, Roger W.		3451	
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				24 June 2003		2879	

U.S. Patent Documents							
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<i>AN</i>	AA	4,422,005	12/1983	Washington et al.	313	105	
<i>AN</i>	AB	5,165,991	1/1992	Fukuda et al.	428	306.6	
<i>AN</i>	AC	5,262,198	11/1993	Wu et al.	427	249	
<i>AN</i>	AD	6,107,731	03/1998	Spindt et al.	313	495	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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	AN							
	AO							
	AP							

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	AI						
	AJ						
	AK						

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	AO							
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Examiner <i>Kramm/elli</i>	Date Considered <i>11/12/2005</i>
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